

IN THE CLAIMS

1. - 6. (Cancelled)

7. (Currently Amended) An LED device characterized by comprising:

an LED chip;

an LED reflecting plate made of a metal and having a recess where said LED chip is to be mounted; and

a printed wiring board on which said LED reflecting plate is to be mounted,

~~wherein~~ said printed wiring board ~~comprises~~ further comprising

a first through hole in which the recess of said LED reflecting plate is to be fitted, and

a terminal portion formed on a surface of said printed wiring board to be electrically connected to said LED chip, and

said LED reflecting plate further comprising

a flat LED chip mounting portion which forms a bottom of the recess, and

a reflecting portion which forms a side wall of the recess and is inclined with respect to said LED chip mounting portion.

8. (Currently Amended) An LED device according to claim 7, characterized in that ~~said LED reflecting plate comprises~~

~~a flat LED chip mounting portion which forms a bottom of the recess, and~~

~~a reflecting portion which forms a side wall of the recess and is inclined with respect to said LED chip mounting portion~~ a space surrounded by said bottom and side wall of the recess of said LED reflecting plate is formed into one of a frustoconical shape and a frustopyramidal shape.

9. (Original) An LED device according to claim 7, characterized in that said LED reflecting plate comprises

a plurality of lands each comprising the recess, and

a first bridging portion which connects said plurality of lands in series.

10. (Withdrawn) An LED device according to claim 7, characterized by further comprising a thin metal wire which electrically connects said LED chip and said terminal portion,

said LED reflecting plate further comprising

a flat flange around the recess, and

said printed wiring board further comprising
a first substrate formed with the first through hole,
a second substrate which sandwiches, together with said first substrate, said flange of said LED reflecting plate the recess of which is fitted in the first through hole, and
a second through hole which is formed in said second substrate and through which said thin metal wire connected to said LED chip on said LED reflecting plate is extended.

11. (Withdrawn) An LED device according to claim 7, characterized in that a plurality of LED chips are mounted on each recess of said LED reflecting plate.

12. (Withdrawn) An LED device according to claim 10, characterized in that said printed wiring board further comprises

an electrical connection hole formed in a portion of said second substrate which is above said flange, and

a wiring line which is formed on a surface of said second substrate and electrically connects the electrical connection hole to said terminal portion.

13. (Original) An LED device according to claim 7, characterized by further comprising a cooling member which comes into contact with a bottom of the recess of said LED reflecting plate.